

Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
0575/56614/JPW/AJM/CYSerial No.
09/604,876INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)Applicant
Mercy M. DavidsonFiling Date
June 28, 2000Group
1635

U.S. PATENT DOCUMENTS

Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation
					Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RS	Bader, D., et al., "Immunochemical analysis of myosin heavy chain during avian myogenesis <i>in vivo</i> and <i>in vitro</i> ." <i>J. Cell. Biol.</i> , 95:763-770 (1982) (Exhibit 1);
	Bloch, K.D., et al., "Neonatal atria and ventricles secrete atrial natriuretic factors via tissue-specific secretory pathways." <i>Cell</i> , 47:695-702 (1986) (Exhibit 2);
	Brunskill, E.W., et al., "Novel cell lines promote the discovery of genes involved in early heart development." <i>Dev. Biol.</i> , 235:507-520 (2001) (Exhibit 3);
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	Cantin, M., et al., "The heart as an endocrine gland." <i>J. Hypertens.</i> , 2 (Suppl. 3):329-331 (1984) (Exhibit 5);
	Chiu, R.C., et al., "Cellular cardiomyoplasty: myocardial regeneration with satellite cell implantation." <i>Ann. Thorac. Surg.</i> , 60:12-18 (1995) (Exhibit 6);
	Claycomb, W.C., "Atrial-natriuretic-factor mRNA is developmentally regulated in heart ventricles and actively expressed in cultured ventricular cardiac muscle cells of rat and human." <i>Biochem. J.</i> , 255:617-620 (1988) (Exhibit 7);
	Claycomb, W.C., et al., "Culture of the terminally differentiated adult cardiac muscle cell: a light and scanning electron microscope study." <i>Dev. Biol.</i> , 80:466-482 (1980) (Exhibit 8);
RS	Constantin, B., et al., "Involvement of gap junctional communication in myogenesis." <i>Int. Rev. Cytol.</i> , 196:1-65 (2000) (Exhibit 9);

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Applicant: Mercy M. Davidson
U.S. Serial No.: 09/604,876
Filed: June 28, 2000
Exhibit A

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- de Bold, A.J., "Atrial natriuretic factor: a hormone produced by the heart." Science, 230:767-770 (1985) (Exhibit 10);
- Delorme, B., et al., "Expression pattern of connexin gene products at the early developmental stages of the mouse cardiovascular system." Circ. Res., 81:423-437 (1997) (Exhibit 11);
- Doevendans, P.A., et al., "Differentiation of cardiomyocytes in floating embryoid bodies is comparable to fetal cardiomyocytes." J. Mol. Cell. Cardiol., 32:839-851 (2000) (Exhibit 12);
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- Eppenberger-Eberhardt, M., et al., "Reexpression of α -smooth muscle actin isoform in cultured adult rat cardiomyocytes." Dev. Biol., 139:269-278 (1990) (Exhibit 14);
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- Jaenicke, T., et al., "The complete sequence of the human β -myosin heavy chain gene and a comparative analysis of its product." Genomics, 8:194-206 (1990) (Exhibit 22);
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- Janssen, P.M., et al., "Preservation of contractile characteristics of human myocardium in multi-day cell culture." J. Mol. Cell. Cardiol., 31:1419-1427 (1999) (Exhibit 24);
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Spurr, A.R., "A low-viscosity epoxy resin embedding medium for electron microscopy." J. Ultrastruct. Res., 26:31-43 (1969) (Exhibit 42);Steinhilper, M.E., et al., "Proliferation in vivo and in culture of differentiated adult atrial cardiomyocytes from transgenic mice." Am. J. Physiol., 259 (Heart Circ. Physiol. 28):H1826-H1834 (1990) (Exhibit 43);Van Kempen, M.J.A., et al., "Developmental changes of connexin40 and connexin43 mRNA distribution patterns in the rat heart." Cardiovasc. Res., 32:886-900 (1996) (Exhibit 44); andWang, D., et al., "Activation of cardiac gene expression by myocardin, a transcriptional cofactor for serum response factor." Cell, 105(7):851-62 (2001) (Exhibit 45).

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FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RS	DeCaprio, J.A., "The role of J domain of SV40 large T antigen in cellular transformation." <u>Biologicals</u> , 27:23-28 (1999) (EXHIBIT 1); and
RS	Fire, A., et al., "Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> ." <u>Nature</u> , 391:806-811 (1998) (EXHIBIT 2).

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Please Replace the 1449's from 2/8/05 and the 105 from 11/2/04, with this corrected version


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	First Named Inventor	Mercy M. Davidson
	Art Unit	1635
	Examiner Name	R. Schnizer
	Attorney Docket No.	0575/56614/JPW/AJM/CY

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DS		BOTTENSTEIN, J., ET AL., "The Growth Of Cells In Serum-Free Hormone-Supplemented Media," <u>Methods Enzymol.</u> , 58:94-109 (1979) (EXHIBIT 1);	
		CLAYCOMB, W., ET AL., "HL-1 Cells: Cardiac Muscle Cell Line That Contracts And Exhibits Phenotypic Characteristics Of Adult Cardiomyocytes," <u>PNAS</u> , 79:124-128 (1982) (EXHIBIT 2);	
		COZZARELLI, N.R., "The Mechanism Of Action Of Inhibitors Of DNA Synthesis," <u>Annu. Rev. Biochem.</u> , 46:641-668 (1977) (EXHIBIT 3);	
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		JUTTERMANN, R., ET AL., "Toxicity Of 5-aza-2'-deoxycytidine To Mammalian Cells In Mediated Primarily By Covalent Trapping Of DNA Methyltransferase Rather Than DNA Demethylation, <u>Proc. Natl. Acad. Sci. USA</u> , 91:11797-801 (1994) (EXHIBIT 5);	
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		LIBBY, P., ET AL., "Long-Term Culture Of Contractile Mammalian Heart Cells In A Defined Serum-Free Medium That Limits Non-Muscle Cell Proliferation," <u>J. Mol. Cell Cardiol.</u> , 16:803-811 (1984) (EXHIBIT 7);	
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		MORKIN, E., "Control Of Cardiac Myosin Heavy Chain Gene Expression," <u>Microsc. Res. Tech.</u> , 50:522-531 (2000) (EXHIBIT 9);	
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DS		WEISS, A., ET AL., "The Mammalian Myosin Heavy Chain Gene Family," <u>Annu. Rev. Cell Dev. Biol.</u> , 12:417-39 (1996) (EXHIBIT 13).	

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 Serial No.: 09/604,876
 Filed: June 28, 2000
 Exhibit A